

KRIVTSOV, S.; SLEPYAN, S.; SPIDCHENKO, K.; SUKHOPARA, F.

"Economic geography of the U.S.S.R." Book reviewed by C.Krivtsov and others. Izv.AN SSSR Ser.geog.no.1:146-149 Ja-F '56. (MLRA 9:?)
(Geography, Economic)

KISTANOV, V.V.; KRIVTSOV, S.G.; SPIDCHENKO, K.I.; SUKHOPARA, P.N.

"Economic geography of the Soviet Union: Russian Soviet Federative Socialist Republic." Reviewed by V.V. Kistanov and others. Izv. AN SSSR. Ser. geog. no.4:128-132 Jl-Ag '57. (MIRA 11:1)
(Geography, Economic)

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826610015-2

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826610015-2"

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826610015-2

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826610015-2"

L 04107-67 EWT(1) IJP(c) AT

ACC NR: AP6032468

SOURCE CODE: UR/0056/66/051/003/0730/0739

AUTHOR: Vlasov, M. A.; Krytsov, V. A.

55

53

B

ORG: none

TITLE: Effect of a radial electric field on the instability of inhomogeneous plasma

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 51, no. 3, 1966,
730-739

TOPIC TAGS: radial electric field, inhomogeneous plasma, unstable plasma,
plasma instability, plasma stabilization

ABSTRACT: The effect of a radial electric field E_r on the instability of an inhomogeneous plasma, produced by an arc discharge in an equipotential volume, was studied. It was shown that a change of the E_r magnitude results in a change of the critical magnetic fields, and that a change of the sign of the electric field is accompanied by an abrupt transition of the plasma from one unstable state to another. This transition occurs during a period which is of the order of magnitude

Card 1/2

L 04107-67

ACC NR: AP6032468

2
inversely proportional to the increment γ of the instability. By changing the direction of an electric field having frequencies of the order of γ , it was possible to stabilize the plasma, to follow increment dependences on discharge parameters, and to estimate their absolute magnitudes, which were found to be of the order of drift frequencies. The authors thank E. I. Dobrokhotov and A. V. Zharinov for the useful discussions they had with them on the subject of their research. [Based on authors' abstract]

SUB CODE: 20 / SUBM DATE: 22Mar66 / ORIG REF: 006 / OTH REF: 003 /

kh

Card 2/2

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826610015-2



APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826610015-2"

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826610015-2

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826610015-2"

СУДАР В. В.И.; КИВТОВ, В.Ф.

3-Methyl-2-thiohydantoin et sulfate and its properties and
properties of 3-methyl-2-thiohydantoin of L-α-alanine, α-keto
acids, phenylalanine, and tyrosine. (Izv. Akad. Nauk. SSSR, 1953,
57, 56-57; Zh. Khim., 1953, 18, 53-57.)

2. Institut khimii prirody, sovetskogo M. V. Lomonosova

STEPANOV, V.M.; KRIVTSOV, V.F.

3-Methyl-thio-hydantoins of amino acids. Part 3: Synthesis
and properties of 3-methyl-2-thiohydantoins of basic amino
acids, threonine, cysteine, and S-carboxymethylcysteine.
Zhur. ob. khim. 35 no.6:982-986 Je '65. (MIRA 18:6)

1. Institut khimii prirodnykh soyedineniy AN SSSR.

PUCHKOV, V.A.; STEPANOV, V.M.; VUL'FSON, N.S.; ZYAKUN, A.M.; KRIVTSOV, V.F.

Mass spectrometry of amino acid methylthiophydantoins. Dokl.
AN SSSR 157 no.5:1160-1163 Ag '64. (MIRA 17:9)

1. Institut khimii prirodnykh soyedineniy AN SSSR.

KRIVTSEV, V.F.; STEPANOV, V.M.

3-Methyl 2-thiohydantoins of amino acids. Part 2: Synthesis
and properties of 3-methyl-2-thiohydantoins of heterocyclic
and N-methylated amino acids, monoaminodicarbocyclic acids and
their amides. Zhur. ob. khim. 35 no.3:556-559 Mr '65.
(MIRA 18:4)

1. Institut khimii prirodnykh soyedineniy AN SSSR.

KRIVOV, VASILII IUSIFVICH

151
• R935.4

OCHEREDNNYE ZADACHI V OBLASTI EKONOMIKI KAPITAL'NOGO STROITEL'STVA (IZ
PRAKTIKI LENINGRADSKIKH ORGANIZATSII) (TYPICAL PROBLEMS IN THE BUILDING-UP OF
CAPITAL IN THE ECONOMIC FIELD) LENINGRAD, 1957.

50 P. TABLE (OBSHCHESIVO PO RASPROSTRANENIYU POLITICHESKIKH I NAUCHNYKH ZNANIY
RSFSR. LENINGRADSKOYE OTDELENIYE)

POPOV, Aleksandr Nikolayevich; KRIVTSOV, V.I., red.; KUZ'MIN, V.A., red.;
SHILLING, V.A., red. izd-va; BELOGUROVA, I.A., tekhn. red.

[New building materials in industrial and public construction]
Novye stroitel'nye materialy v promyshlennom i grazhdanskom
stroitel'stve; stenogramma lektsii. Leningrad, Leningr. Dom
nauchno-tekhn. propagandy, 1961. 8 p. (MIRA 14:7)
(Building materials)

BUKSHTEYN, D.I.; PINTEL', S.I.; CHEPYZHENKO, A.V.; KRIVTSOV, V.I., red.;
KUZ'MIN, V.A., red.; SHILLING, V.A., red. izd-va; BELOGUROVA, I.A., tekhn. red.

[Methods of establishing standards for the expenditure of materials
in construction] Metody normirovaniia material'nykh resursov v
stroitel'stve; stenogramma lektsii. Leningrad, 1961. 19 p.
(MIRA 14:7)

(Building materials--Standards)

VAYNSHTEYN, Boris Samoylovich; KRIVTSOV, V.I., red.; KUZ'MIN, V.A., red.;
FREGER, D.P., red, isd-va; BELOGOROVA, I.A., tekhn. red.

[Theory and practice of selecting the most efficient estimates;
lecture transcript] Teoriia i praktika vybora naibolee effektivnykh
proektnykh reshenii; stenogramma lektsii. Leningrad, 1961. 25 p.
(MIRA 14:7)

(Building—Estimates)

KRIVTSOV, V.I., red.; KUZ'MIN, V.A., red.; SHILLING, V.A., red. izd-va;
GVIRTS, V.L., tekhn. red.

[Improving financial operations in construction; lecture transcript]
Voprosy sovershenstvovaniia ekonomiceskoi raboty v stroitel'stve;
stenogrammy lektsii. Leningrad, 1961. 28 p. (MIRA 14:7)
(Construction industry)

ROTSHTEYN, Aleksandr Grigor'yevich; SMIRNOV, Boris Konstantinovich;
PAK, Yuriy Yefimovich; KRIVTSOV, V.I., red.; KUZ'MIN, V.A., red.;
FREGER, D.P., red. izd-va; BELOGUROVA, I.A., tekhn. red.

[Problems of the economics of labor; lecture transcript] Voprosy
ekonomiki truda; stenogramma lektsii. Leningrad, 1961. 32 p.
(Leningradskii Dom nauchno-tekhnicheskoi propagandy. Seriya:
Stroitel'naia promyshlennost') (MIRA 14:7)
(Construction industry—Labor productivity)
(Wage payment systems)

PORADNYA, A.I., doktor tekhn. nauk; PUCHKOVSKIY, N.V., kand. tekhn.nauk;
KRIVTSOV, V.I., inzh.; LAPIDUS, M.Kh., inzh.; REYZ, M.B., red.
izd-va; ROZOV, L.K., tekhn. red.

[Planning and accounting in housing construction combines] Plani-
rovanie i uchet v domostroitel'nykh kombinatakh; na opyte lenin-
gradskikh DSK. Leningrad, Gos.izd-vo lit-ry po stroit., arkhit.
i stroit. materialam, 1962. 102 p. (MIRA 16:2)
(Construction industry) (Apartment houses)

KF IVTSCV, V.N., inzh.; SKVORTSOV, N.N., ekonomist

Increasing the quality, reliability and durability of machinery.
Mashinostroenie no.5140-41 S-0 '65. (MIRA 1819)

KRIVTSOV, Yu.G., inzh.; TANIN, K.S., kand.tekhn.nauk

Improving the mixing in marine diesels by preheating the fuel
with exhaust gases. Sudostroenie 29 no.6:51-52 Je '63.
(MIRA 16:7)
(Marine diesel engines) (Diesel fuel)

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826610015-2

KRIVTSOV, Yu.V., kand. tekhn. nauk; PERNIK, A.D., kand. tekhn. nauk.

Propeller singing. Sudostroenie 22 [i.e. 23] no. 10:9-14 O '57.
(Propellers) (Vibration (Marine engineering)) (MIRA 11:2)

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826610015-2"

VOYTKUNSKIY, Yaroslav Iosifovich; PERSHITS, Robert Yakovlevich; TITOV,
Igor' Anatol'yevich. Prinimali uchastiye: YEGOROV, I.T.;
RUSETSKIY, A.A.; IVANOV, V.M.; ZHUCHENKO, M.M. KRIVTSOV, In.V.,
otv.red.; FIRSOV, G.A., otv.red.; OSVIENSKAYA, A.A., red.;
KONTOROVICH, A.I., tekhn.red.

[Handbook on the theory of ship construction; propulsive speed
and maneuverability] Spravochnik po teorii korablia; khodkost'
i upravleniemost'. Leningrad, Gos.sciuznoe izd-vo sudostroit.
promyshl., 1960. 688 p. (MIRA 13:10)
(Naval architecture--Handbooks, manuals, etc.)

BREYEV, A.M., kand.tekhn.nauk; SOKOLOV, B.P., inzh.; KRIVTSOV, Yu.V.,
kand.tekhn.nauk; PANFILOV, N.A., inzh.

"Ship design of plastic materials" by M.G.Avrukha. Reviewed
by A.M.Breev, P.B.Sokolov, Iu.V.Krivtsov, N.A.Panfilov.
Sudostroenie 28 no.7:82-84 Jl '62. (MIRA 15:8)
(Shipbuilding) (Plastics) (Avrukha, M.G.)

BLAGOVESHCHENKIY, S., doktor tekhn.nauk, prof.; VOZNESENSKIY, A., kand.tekhn. nauk; VOYTKUNSKIY, Ya., kand.tekhn.nauk, dotsent; GERASIMOV, A., kand.tekhn.nauk, dotsent; GRECHIN, M., kand.tekhn.nauk; DORIN, V., kand.tekhn.nauk; DOROGOSTAYSKIY, D., doktor tekhn.nauk; KOSOUROV, K., doktor tekhn.nauk, prof.; KRIVTSOV, Yu., kand.tekhn.nauk; MURU, N., kand.tekhn.nauk, dotsent; SEMENOV-TIAN-SHANSKIY, V., doktor tekhn. nauk, prof.; SOLOV'IEV, V., kand.tekhn.nauk, dotsent; TOPORKOV, I., inzh.; FIRSOV, G., doktor tekhn.nauk, prof.; FISHER, A., inzh.; KHRUSTIN, V., kand.tekhn.nauk, dotsent; EYDEL'MAN, D., inzh.

Concerning P.Khokhlov's article "Determining the center of gravity of a vessel during an inclining experiment with trim difference."
Mor. flot 23 no.5:33-34 '63. (MIRA 16:9)
(Stability of ships)

KRIVTSOVA, A.D. (Tiraspol')

Centralized control system in clothing manufacture. Shvein.
pram. no.3:13-14 Je-Jl [i.e. My-Je] '61. (MIRA 16:11)

1. Tiraspol'skaya shveynaya fabrika imeni 40-letiya Vsesoyuznogo Leninskogo kommunisticheskogo soyusa molodeshi.

KANTARBAYEVA, Zh.K., kand.med.nauk; BLONSKAYA, L.I.; KRIVTSOVA, A.I.

Incidence of primary drug resistance in pulmonary tuberculosis.
Probl. tub. 41 no.8:33-35 '63. (MIRA 17:9)

1. Iz Kazakhskogo nauchno-issledovatel'skogo instituta tuberkuleza
(dir. - kand.med.nauk A.A.Terlikbayev).

SHTAYGER, Ye.V.; KRIVTSOVA, E.N.

High-precision strain-measuring stand based on the PMS-48
potentiometer. Izm. tekhn. no.1:23-24 Ja '64.

(MIRA 17:11)

L 13262-63

EWT(d)/FCC(w)/BDS AFFTC IJP(C)

5/044/63/000/003/009/047

AUTHOR: Krivtaova, M. M.TITLE: On representing the solution of one differential equation in the
form of a Stieltjes integral ¹⁶PERIODICAL: Referativnyy zhurnal, Matematika, No. 3, 1963, 37, Abstract
38171 (Pratsi Odes'k. Un-tu. Prirodn. N., v. 151, no. 6, 1961,
93-103, Ukrainian).TEXT: The article is devoted to representing the solution of a nonlinear
differential equation of the form

$$\frac{d\rho}{d\theta} = \rho\varphi(\rho),$$

where $\rho(\varphi)$ is a meromorphic function in the form of a Stieltjes integral.
This representation makes it possible to investigate the behavior of solutions
of equations of the form (1) in the large by means of continued fractions.

[Abstracter's note: Complete translation.]

Card 1/1

KRIVTSOVA, M.N. (Odessa)

Integral representation of the solution of a class of nonlinear
differential equations. Ukr. mat. zhur. 17 no.2:115-120 '65.
(MIRA 18:5)

KRIVTSOVA, N.I.

Pharmacology of Plantago major. Farm. i toks. 22 no. 3:251-256 My-Je '59.
(MIRA 12:?)

1. Kafedra farmakologii (zav. - prof. N.P. Govorov) Omskogo veterinarnogo instituta.

(STOMACH, eff. of drugs on,
Plantago major extracts (Rus))
(PLANTS,

Plantago major, eff. on stomach (Rus))

KRIVTSOVA, N.I.

Change in the activity of isolanide under the influence of gastric
and intestinal juices. Farm. i toks. 25 no.1:67-68 Ja-F '62.

(MIRA 15:4)

1. Kafedra farmakologii (zav. - prof. V.P.Gorovov) Omskogo meditsin-
skogo instituta.

(DIGITALIS) (GASTRIC JUICE) (DIGESTIVE ENZYMES)

ACC NR: AT7005299

AT7005299
AUTHOR: Krivtsova, N. V.
ORG: none

SOURCE CODE: UR/2563/66/000/265/0035/0045

SOURCE CODE: UR
TITLE: Laminar boundary layer in equilibrium dissociated gas
SOURCE: Leningrad. Politekhnicheskiy institut
dinamika (Hydraulic and gas dynamics),
PIC TAGS: fluid mechanics

equilibrium dissociated gas
hydraulic and gas dynamics), 35-45
TOPIC TAGS: laminar boundary layer, dissociated gas, flow analysis,
~~mathematical analysis, fluid mechanics, laminar boundary layer in a~~
~~numerical integration, Runge-Kutta integration method, linear approximation~~
ABSTRACT: An analytical treatment of the problem of laminar boundary layer in a
flow of gas in equilibrium dissociation is presented, using the analytical
method developed by L. G. Loitsyanskiy (Prikladnaya matematika i
mekhanika v. 29, no. 1, 1965). This method is based on converting
parameters expressing the influence of external variables. A "universal"
of each particular problem on independent variables is constructed, and
system of differential equations is derived, a one-parameter is differential
numerical integration of the universal system of partial differential
equations is presented. The numerical integration was done on a computer
by the Range-Kutta method for various values of the local compressibility

1/2

304
SUB CODE: 20/2

UDC: none

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826610015-2"

card 212

L 08115-67 EWT(d)/EWP(m)/EWT(1)/EWP(a)/EWT(m)/EWP(1) LIP(1) TG. W/RM
ACC NR: AP6034546 SOURCE CODE: UR/0421/66/000/005/0106/01A 68

AUTHOR: Kriytssova, N. V. (Leningrad)

ORG: none

ORG: none
TITLE: Laminar boundary layer in equilibrium dissociating gas with arbitrary distribution of external velocity

Mekhanika zhidkosti i gaza, no. 5, 1966.

106-112 /
TOPIC TAGS: hypersonic aerodynamics, hypersonic flow, laminar boundary layer, gas dissociation, enthalpy, pressure gradient

ABSTRACT: The solution of the laminar boundary layer problem with a free-stream gradient in high-velocity gas flows is sought by numerical integration of the equations (not

L 08415-67
ACC NR: AP6034546

2

BESM-2 Computer of the Leningrad Computing Center of the Academy of Sciences USSR in the M_∞ range from 6 to 20, with surface temperatures from 300K to 1750K, in order to determine the effects of single parameters on the basic characteristics of the boundary layer which are necessary for calculating the local friction coefficient, surface heat transfer, momentum thickness, and distribution of the form parameter $f = f(x)$. An analysis of the numerical solutions shows that it is possible to obtain relations for the desired parameters which depend slightly on variation of enthalpy and M_∞ , and that the effect of κ (local compression coefficient) cannot be eliminated. Orig. art. has: 5 figures and 27 formulas.

SUB CODE: 20/ SUBM DATE: 13Feb66/ ORIG REF: 007/ OTH REF: 001/
ATD PRESS: 5103

Card 2/2 LS

31950
S/057/62/032/001/010/018
B104/B138

10.1410

AUTHORS:

Krivtsova, N. V., and Lun'kin, Yu. P.

TITLE:

Excitation of molecular rotation behind a shock wave

PERIODICAL: Zhurnal tekhnicheskoy fiziki, v. 32, no. 1, 1962, 69-75

TEXT: A study was made of the variation in parameters due to excitation of rotational degrees of freedom behind a shock wave. By introducing a specific heat and a temperature for the degrees of freedom of transverse and rotational motion it is shown, using the results of P. Ye. Stepanov's results (ZhTF, 17, 377, 1947), that the temperature is constant in the range $M_o < 1.317$ if molecular rotation is excited in the range $M_o > 1.317$. Restricted rotation is excited, and fall if it is excited in the range $M_o < 1.317$ if the transverse degrees of freedom will increase in time. D is determined from the formula $\tau = D/PiT$. The relaxation zone width narrows sharply with growing M_o . The foregoing results apply to pure diatomic gases. When such a gas contains monatomic impurities, the relaxation zone narrows somewhat

Card 1/2

M. Ioffe AS

L 26651-66 EWT(d)/EWT(1)/EWP(m)/EWT(m)/EWA(d)/ETC(m)-6/EWA(1) IJP(c)
ACC NR: AP6007180 WW/JN/RM SOURCE CODE: UR/0170/66/010/002/0143/0153

AUTHOR: Krivtsova, N. V.

ORG: Leningrad Polytechnic Institute im. M. I. Kalinin (Politekhnicheskiy institut)

TITLE: Parametric method for the solution of laminar boundary layer equations with longitudinal pressure gradient under conditions of equilibrium gas dissociation

SOURCE: Inzhenerno-fizicheskiy zhurnal, v. 10, no. 2, 1966, 143-153

TOPIC TAGS: polynomial, laminar flow, dissociated gas, pressure gradient, viscosity, enthalpy, approximation method, laminar boundary layer, Prandtl number

ABSTRACT: A generalized set of equations is obtained for the steady, laminar, two-dimensional flow of a dissociated gas with an arbitrary pressure gradient. It is assumed that the Lewis number is unity and that the Prandtl number equals 0.712. The viscosity is approximated by the Sutherland formula, and the density ratio in the boundary layer is expressed as a polynomial in the enthalpy
 $(\rho_e/\rho = G(\bar{h})/G(1-x))$

where

$$\bar{\rho}/\rho = G(\bar{h}) = a_1 \bar{h} + a_2 \bar{h}^2 + a_3 \bar{h}^3 + a_4 \bar{h}^4$$

UDC: 532.526

Card 1/2

L 26651-66

ACC NR: AP6007180

and

$$G(1-x) = a_1(1-x) + a_2(1-x)^2 + a_3(1-x)^3 + a_4(1-x)^4,$$
$$x = u_e^2/2h_1 = x(s).$$

The equations are then made "universal" by introducing the infinite set of parameters

$$f_0 = u_e^2/2h_1, f_k = u_e^{k-1} u_e^{(k)} 2^{k+1} (k = 1, 2, \dots).$$

A method of successive approximations is then proposed for the solution of these "universal equations" which is integrated numerically using a Runge-Kutta technique. The results are given as graphs of the velocity profile, skin friction, and the boundary layer enthalpy profiles for various values of the parameter χ , the "local compressibility" parameter. Orig. art. has: 19 equations, 3 figures, and 1 table.

SUB CODE: 20/ SUBM DATE: 08May65/ ORIG REF: 003/ OTH REF: 002

Card 2/2 JV

KRIVISOVA, O.T.

Some data on earthworm species of the family Lumbricidae in Moldavia.
Report No.1. Uch. zap. Kish. un. 39:127-134 '59. (MIRA 14:9)
(MOLDAVIA—EARTHWORMS)

MIRONOV, V.P.; KRASHKEVICH, K.V.; KRIVTSOVA, Ye.N.; KUL'KOVA, T.A.;
ROGINSKAYA, Ye.Ya.

Laboratory investigation of the action of some repellents on the
mature tick Dermacentor pictus Herm. Vest. Mosk. un. Ser. 6: Biol.,
pochv. 16 no.1:26-31 Ja-F '61. (MIRA 14:4)

1. Kafedra spetsial'noy podgotovki Moskovskogo universiteta.
(INSECT BAITS AND REPELLENTS) (TICKS)

KRASHKEVICH, K.V.; KRIVTSOVA, Ye.N.

Effect of repellents on the tick Ixodes ricinus L. Vest. Mosk. un. Ser. 6: Biol., pochv. 18 no.5:16-19 S-0 '63. (MIRA 16:10)

1. Kafedra spetsial'noy podgotovki Moskovskogo universiteta.

NABOKOV, V.A.; SADOVNIKOV, A.I.; USPENSKIY, I.V. Prinimali uchastiyu:
LARYUYIN, M.A.; KRIVTSOVA, Ye.N.; YERSHOVA, T.S.; KISH, S.S.;
ORLOVA, G.N.

Use of a helicopter for spraying foci of tick encephalitis in
forests. Med. paraz. i paraz. bol. 33 no.1:64-68 Ja-F '64
(MIRA 18:1)

1. Otdeleniye toksikologii i bor'by s chlenistonogimi (zav. --
prof. V.A. Nabokov) Instituta meditsinskoy parazitologii i
tropicheskoy meditsiny imeni Ye.I.Martsinovskogo (direktor -
prof. P.G. Sergiev) i Gosudarstvennyy nauchno-issledovatel'skiy
institut Grazhdanskogo Vozdushnogo Flota, Moskva. 2. In-
stitut meditsinskoy parazitologii imeni Ye.I. Martsinovskogo
(for Laryukhin, Krivtsova, Yershova). 3. Gosudarstvennyy
nauchno-issledovatel'skiy institut Grazhdanskogo Vozdushnogo
Flota (for Kish, Orlova).

KRIVTSOVA-GRAKOVA, O. A.

A hidden treasure found in Bessarabia. Moskva, 1949. 27 p.
(Gosudar-stvennyi istoricheskii muzei. Trudy: Pariatniki Kul'tury, vyp.1)

VASIL'YEV, L. (g. Tyumen'); CHICHKO (g. Kiyev); STARODUB, V. (g. Kiyev);
KALUZHSKIY, G. (g. L'vov); SMIRNOV, V.; BEBENIN, A.; ORLOV, I.;
PERUK, V. (Kuybyshev); BYCHININ, I. (Kuybyshev); HASHKO, V.;
SHEVIKUN, Yu. (Khar'kov); ISTYUFETEYEV, V. (Leningrad); GATSANYUK, V.
(Chernigovskaya obl.); SKURKO, L.; BABYUK, M.; GURANOV, L.
(Krasnodar); TISHCHERKO, D. (st. V. Sadovaya); YEFIMOV, M.S.
(Leningrad); FEDOROV, V.; SUKHOV, A.; TIMOSHENKO, I. (Omskaya
oblast'); KRIVTSUN, B. (Khar'kov); BARANTSEV, N. (Fedosiya).

Exchange of experience. Radio no.1:31,32,35,39,40. Ja '59..
(MIRA 12:3)

(Radio)

KRIVTSUN, I.

5739. Mekhanizatsiya trudoyemkikh protsessov v zhivotnovodstve. Cherkessk, Kn.
1zd; 1954 36\$. s ill. 20sm. 1,000 ekz 45k.-- (55-1433) p 636.2.004.22 (47-14)
,0025 (47-911.2)

SO: Knizhnaya, Letopis, Vol. 1, 1955

KRIVTSUN, I.P. [Kryvtsun, I.P.]

Repairing crank axles of the driving wheels of the DT-54
tractor. Mekh. sil'. hosp. 14 no.11:23 N'63. (MIRA 17:2)

1. Glavnnyy inzh. Karachayevo-Cherkesskogo oblastnogo ob"yedineniya
"Sil'gospmekhnika" Stavropol'skogo kraya.

KRIVTSUN, I.P. [Kryvtsun, I.P.], inzh.

Pick up baler operates without wire. Mekh. sil'. hosp. 14
no. 5:6-7 My '63. (MIRA 16:10)

1. Cherkasskogo oblastnogo ob"yedineniya "Sil'gospmekhnika",
Stavropol'skogo kraya.

KRIVTSUN, V.

"Out experience in applying the graphic hour. Tr. from the Russian", p 138
(КОПЕЧАТИВНО ЗЕДЕЛИЕ, Vol 6 #4, Apr. 1951, Bulgaria)

Fast European Vol 2 #8
SO: Monthly List of KHMELNIK Accessions, Library of Congress, August 1953, Uncl.

KRIVTSUN, V.M.

"Photography with the use of artificial light" by A.G. Simonov.
Reviewed by V.M. Krivtsun. Zhur.nauch.i prikl.fot.i kin. 2 no.2:
157 Mr-Ap '57. (MLRA 10:5)

(Photography--Lighting)
(Simonov, A.G.)

NEPRYAKHIN, G.G., prof. SIVACHEVA, A.I., assistant; KRIVTSUN, V.P., ordinator

Clinical aspects and pathomorphology of the first attack of
rheumatism, in a 14-month-old child. Kaz. med. zhur. no. 6:
50-52 N-D 61. (MIRA 15:2)

1. Kafedra gospital'noy pediatrii (zav. - prof. Ye.N.Korovayev),
kafedra fakul'tetskoy pediatrii (zav. - prof. K.A.Svyatkina) i
kafedra patologicheskoy anatomii (zav. - prof. G.G.Nepryakhin)
Kazanskogo meditsinskogo instituta.
(RHEUMATIC FEVER)

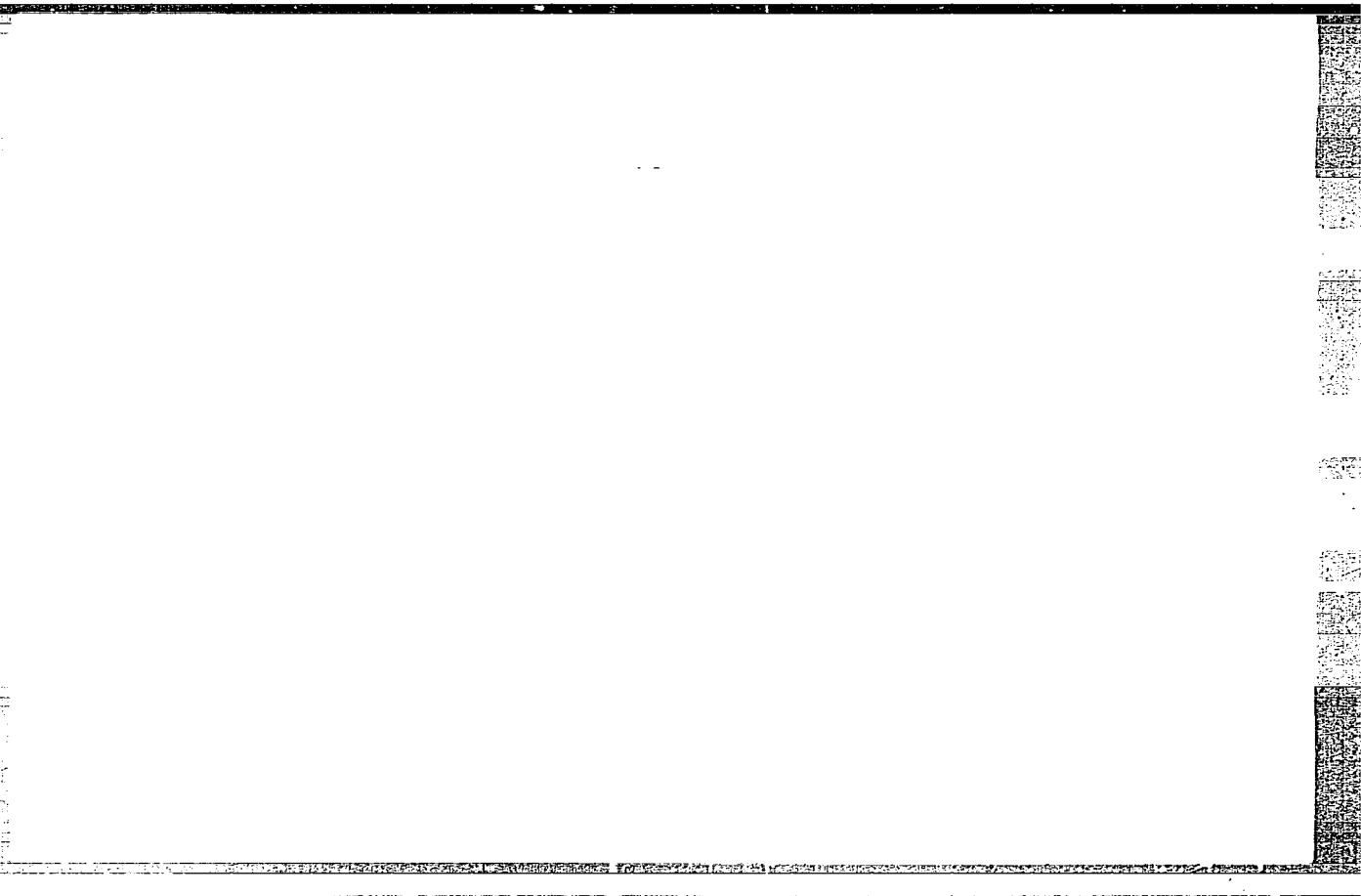
KRIVTSUNENKO, S.L.

Reconstruction of railroad stations in Moscow. Gor. khoz. Mosk.
34 no.10:13-15 0 '60. (MIRA 13:10)

1. Direktor Pervogo gosudarstvennogo podshipnikovogo zavoda.
(Moscow--Railroads--Stations)

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826610015-2



APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826610015-2"

BARDODEJ, Zdenek; KRVUCOVA, Marie

Value and use of exposure tests. I. Determination of trichloroacetic acid in urine as exposure test in workers with trichlorethylene. Pracovni lek. 7 no.4:217-220 Jy '55.

1. Katedra hygieny prace lekarske fakulty higienicke UK, Praha.
Prednosta doc. MUDr Jan Roubal.

(TRICHLORETHYLENE, poistning
in workers of dry-cleaning plants, exposure test by
determ. of trichloracetic acid in urine)

(TRICHLORACETIC ACID, in urine
in workers with trichlorethylene in dry-cleaning
plants, determ. as exposure test)

(URINE
trichloracetic acid determ., exposure test in workers
with trichlorethylene in dry-cleaning plants)

[Handwritten signatures and markings over the text]

✓ Biochemical explanation of intolerance to alkylated trichloroethylene. Inhibition. Zdenek Pospisil, Marie Kryloucova, and Frantisek Uherov (Institute of Hygiene, Prague). *Prace Akademie vedecek, 7, 1967, 10, 100-104.* The abnormal response to TCOH in workers handling alkylated ethylene (I), manifested by peripheral vasodilation, fall of blood pressure, tachycardia, headache, and dizziness, is caused by inhibition of the oxidation reaction of the organism by the metabolites of I. Its course closely resembles that of acetylchloride reaction. Persons exposed to vapors of I showed increased acetyldehydrons in the blood following administration of 21OH, thus revealing an analogous reaction with the metabolism picture similar to tetraethylthiuram disulfide (II). A similar picture was produced by TCOH in combination with chloral hydrate (III). It is presumed that the oxidation both of II and I, and the metabolism of I leading to the formation of III as an intermediate product, inhibits the hydroxyl-lyase dehydrogenase. II increases the toxic manifestations induced by I, while in rabbits the difference is hardly perceptible. The TCOH test is recommended as a means of controlling the physical fitness of workers handling I.

(2)

BARDODEJ, Z.; CHLUMSKY, J.; KRIVUCOVA, M.

Severe, acute occupational poisoning with trichlorethylene.
Cas. lek. cesk. 44 no.37:1004-1008 9 Sept 55.

1. Z interni kliniki prednosta prof. Dr. V. Jonas, z katedry
hygieny prace, prednosta doc. Dr. J. Roubal, z lekarske fakulty
hygienicke Praha.

(TRICHLORETHYLENE, poisoning
occup. in cleaner's plant worker.)

(POISONING
trichlorethylene in cleaner's plant worker.)

A severe acute industrial intoxication by trichloroethylene.
Z. Bardotk, J. Chlumský, and M. Krivcová (Lékařská
fak. hyg., Prague). Časopis Lékařů Českých 94, 1004-8
(1955).—Topical neurological symptoms lasted for 2 months
after admission, showing disperse lesions in the central
nervous system. Poos, Takata-Ara and Getts' reactions
and thymol turbidity tests suggested an unspecific hepatic
lesion. Concentration of trichloroethylene in the atm. was detd.
by absorption into pyridine and a colorimetric modification
of the Fujiwara reaction and was 0.2-5 ng./l. Phosgene
was absent. Concentration of $\text{CH}_3\text{CCO}_2\text{H}$ in urine, when plotted
in log scale against time, did not yield a straight line. A
modification for its ester is reported. Reducing substance
in the urine showed a max. concen. on the 4th-5th day.
Trichloroethanol was detected following oxidation.

J. M. Hals

EXCERPTA MEDICA Sec.17 Vol.4/2 Public Health, etc. Zcb58
KRIVUCOVA, M.

620. TRICHLORETHYLENE IN THE EXPIRED AIR. Trichlorethylen ve vydachem vzdachu. Bardoděj Z. and Krivucová M. Kat. Hyg. Práce Lék. Fak. Hyg. KU, Praha. PRACOVNÍ LÉK. (Praha) 1956, 8/3 (186-188)

Graphs 3

Criticism of the method of work of Souček and Vlachová (Pracovní lék. 1955, 7, 143) who found chloroform in the expired air of persons exposed to trichlorethylene vapours and concluded therefrom that chloroform was a metabolite of trichlorethylene. The findings of Souček and Vlachová are explained by the influence of carbon dioxide contained in the expired air on the development of the colour in the Fujiwara reaction, used by them to prove the simultaneous presence of trichlorethylene and chloroform in the expired air of exposed persons.

Souček - Prague

BARDODEJ, Zdenek; KRVUCOVA, Marie

Considerations on the use of exposition test II; discussion on V.
Fiserova-Bergerova's work. Pracovni lek. 8 no.3:189-192 June 56.

1. Katedra hygiény prace lekarske fakulty hygienicke Praha.
Prednosta doc. MUDr. Jan Roubal.

(TRICHLOROETHYLENE, poisoning,

urine trichloracetic acid test (Cz))

(URINE,

trichloracetic acid test in trichloroethylene pois. (Cz))

(POISONING,

trichloroethylene, urine trichloracetic acid test (Cz))

KRIVUCOVA, MARIE

CZECHOSLOVAKIA / Chemical Technology. Chemical Products and Their Application. Safety Engineering. Sanitary Engineering. H-6

Abs Jour : Ref. Zhur - Khimiya, No 2, 1958, No 5165.

Author : Bardodej Zdenek, Krivucova Marie

Inst : Not Given.

Title : Evaluation of Use of Exposure Tests. III.

Orig Pub : Pracovni lekar., 1956, 8, No 3, 193-194

Abstract : The significance of exposure tests is considered. It is confirmed that average concentration of trichloracetic acid in the 24 hour excretion of urine, equal to 160-180 mg/liter, corresponds to 0.4 mg/liter of trichlorethylene in the air of the zone of respiration.

Card : 1/1

KRIVUCOVA, M.

CZECHOSLOVAKIA / Chemical Technology. Chemical Products and Their Application. Safety Engineering. Sanitary Engineering. H-6
APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000826610015-2

Abs Jour : Ref. Zhur - Khimiya, No 2, 1958, No 5166.

Author : Bardodej Z. Fiserova-Bergerova V.,
Krivucova M.

Inst : Not Given

Title : Evaluation and Use of Exposure Tests.

Orig Pub : Pracovni lekar., 1956, 8, No 3, 194

Abstract : It is pointed out that biological exposure tests (ET) must be used together with chemical analysis of industrial environment. The ET give an idea of the amount of noxious agent absorbed by people not only on its inhalation but also as a

Card : 1/2

ROUBAL, Zh. [Roubal, J.]; BARDODEJ, TS. [Bardodej, Z.]; KRIVUKOVA, M.
[Krivucová, M.]

Practical control measures to be observed in working with toxic
substances. Usl. zhizn. i zdrav. 1 no.3 (pt.1):208-210 '57.
(MIRA 11:3)

1. Iz Instituta gigiyeny truda pri Universitete Karla v Prague
(INDUSTRIAL TOXICOLOGY) (AIR--POLLUTION)

KRIVUCOVA, M., MUDr.; NEUMANOVÁ, M.

Compilation of annual reports of the department of industrial hygiene of
KHNS for the year 1956. Pracovní lek. 9 no.5:446-451 Nov 57.

1. Ustav hygieny prace a chorob z povolani.

(INDUSTRIAL HYGIENE,

in Czech., compilation of annual reports (Cz))

ROUBAL, Jan; KRIVUCQVA, Marie

Hygiene problems in the utilization of tertiary butanol chromate
as a corrosion-preventing agent in metallurgy. Pracovni lek., 12
no. 5:251-255 Je '60.

1. Ustav hygieny prace a chorob z povolani, Praha.
(ALCOHOLES toxicol.)
(CHROMATES toxicol.)

BARDODEJ, Z.; KRIIVUCOVA, M.

Phenol metabolism in guinea pigs. Cesk. hyg. 6 no.9:553-554 O '61.

1. Katedra hygieny prace lekarske fakulty hygienicke KU, Praha
Ustav hygieny prace a chorob z povolani Praha.
(PHENOLS metab)

BARDODEJ, Z.; KRIVUCOVA, M.

Value and use of exposure tests. VII. Trichloracetic acid in plasma.
Cesk. hyg. 7 no.4:231-233 My '62.

1. Katedra hygieny prace lekarske fakulty hygienicke Karlovy uni-
versity, Praha.

(TRICHLORACETIC ACID blood) (PHOTOMETRY)

CZECHOSLOVAKIA

CHVAPIL, M.; HOLUSA, R.; SAFAR, S.; KRIVUCOVA, M.; Institute of Work Hygiene and Occupational Diseases (Ustav Hygieny Prace a Chorob z Povolani), Prague; 1st Dental Clinic, Faculty of General Medicine, Charles University (I. Zubni Klinika Fakulty Vseobecneho Lekarstvi KU), Prague.

"Experimental and Clinical Experience with Collagen Foam Used as Hemostatic and as Tampon."

Prague, Ceskoslovenska Farmacie, Vol 15, No 6, Jul 66, pp 300-308

Abstract [Authors' English summary modified]: Factors affecting properties of collagen foam were investigated. Optimum conditions for its preparation are described. Toxicity of its individual components, antigen properties, and the effectiveness of sterilizing it with a cobalt bomb are discussed. The relationship between the porosity, hardening grade of collagen, and conditions at storing and the porosity of the product is discussed. Biological properties of the foam are described. 14 Figures, 5 Tables, 4 Western, 1 Czech reference. (Manuscript received 12 Oct 65).

1/1

Krivulim, A.N., general-major; GRYLEV, A.N., polkovnik; OGAREV, P.E., poikovnik;

SYCHEV, K.V., general-major; BOGDANOV, V.A., podpolkovnik; SYRECHENKO, N.I., CIA-RDP86-00513R000826610015-

polkovnik; IVANOV, M.A., polkovnik; KULAKOV, P.M., polkovnik;

SHAMRAYEV, A.M., podpolkovnik; VLASOV, I.G., polkovnik v otstavke;

KRIVULIN, P.N., polkovnik v otstavke; D'YAKOV, V., starshiy leytenant

zapasa; MALAKHOV, M.M., polkovnik, redaktor; GNEDOVETS, P.P., redaktor;

MYASNIKOVA, T.F., tekhnicheskiy redaktor.

[Rifle units and the regiment in various phases of combat; a collection of tactical examples from the Great Patriotic War]
Strelkovye podrazdeleniya i polk v razlichnykh vidakh boja; sbornik takticheskikh primerov iz Velikoi Otechestvennoi voiny. Moskva, Voen.izd-vo M-va oboe. SSSR, 1957. 230 p. (MIRA 10:11)
(Infantry drill and tactics)

KRIVUL'KO, D. S., Cand Agric Sci (diss) -- "The effect of fertilizers on increasing the yield and quality of apple grafts". Kiev, 1960. 2¹/₂ pp (Min Agric Ukr SSR, Ukr Acad Agric Sci), 200 copies (KL, No 15, 1960, 138)

KRIVUL'KO, Densi Stepanovich [Kryvul'ko, D.S.]; REVA, Mikhail
Lukich; TULUPII, Grigoriy Grigor'yevich [Tulupii, H.H.];
KONDRATYUK, Ye.M., kand. biol. nauk, otd. red.; KOVAL', V.A.,
red. izd-va; KADASHEVICH, O.A., [Kadashevych, O.A.], tekhn.
red.

["Sofievka" Arboretum] Dendrologichnyi park "Sofiivka," Kyiv,
Vyd-vo Akad. nauk URSR, 1962. 81 p. (MIRA 15:7)
(Uman'... Arboretums)

KRIVULYA, A., machinist.

Electric locomotive draws 70 cars. Mast.ugl. 2 no.8:7 Ag '53. (MLKA 6:8)

1. Elektrovoz shakhty No.1 im. Chelyuskintsev kombinata Stalingr'.
(Mine haulage)

KRIVULYA, A. mashinist elektrovoza

Trains run at high speeds. Mast. ugl. 4 no. 4:4-5 Ap '55.
(Donets Basin--Mine railroads) (MIRA 8:6)

Krivulya, G.D.

USSR/Optics - Optical Methods of Analysis. Instruments.

K-7

Abs Jour : Referat Zhur - Fizika, No 5, 1957, 13089

Author : Garger, K.S., Umnov, V.D., Krivulya, G.D.

Inst :

Title : Investigation of the Radiation of a Bessemer Flame.

Orig Pub : Sv. tr. Dneprodzerzhinsk, vech. metallurg. in-ta, 1955, 1,
54-63

Abstract : To clarify the possibility of controlling the Bessemer process by optical methods, complex experiments were performed, including a successive photography of the spectrum of the flame of the converter, its visual observation, and automatic recording of the intensity of radiation in various regions of the spectrum. At the same time, gas and metal samples were taken, the temperature of the flame was measured by an optical pyrometer, and the flow and pressure of air were recorded. It is shown that it is possible to control the course of the process from the

Card 1/2

USSR/Optics - Optical Methods of Analysis. Instruments

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826610015-^{K-7}

Abs Jour : Ref Zhur - Fizika, No 5, 1957, 13089

difference in the luminescent and thermal radiation of the flame, and with the aid of visual observation of the spectrum of the iron.

Bibliography, 12 titles.

Card 2/2

Krivulya, G.D.

GARGER, K.S.; UMNOV, V.D.; KRIVULYA, G.D.;

More on the spectrum of the Bessemer flame. Izv.AN SSSR,Ser.fiz.
19 no.2:186-188 Mr-Ap '55. (MLRA 9:1)

1.Dneprodzerzhinskiy vecherniy metallurgicheskiy institut imeni
Arsenicheva.
(Tartu--Spectrum analysis--Congresses)

SOV/ 137-58-7-14188

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 7, p 32 (USSR)

AUTHORS: Garger, K. S., Krivulya, G. D., Umnov, V. D., Ul'yanov, D. P., Mamchits, K. A., Petrov, S. A., Sorokin, A. A.

TITLE: Automation of Converter-process Control (Avtomatizatsiya kontrolya konverteurnykh protsessov)

PERIODICAL: Tr. Nauchno-tekhn. o-va chernoy metallurgii, 1957,
Vol 18, pp 738-742

ABSTRACT: A brief presentation is made of the history of the development of control of Bessemer blow, first by visual inspection and later performed with the aid of a photoelectric cell and a spectroscope. There follows a description of monitoring with the aid of the differential photoelectric method as developed by the Dneprodzerzhinsk Evening Institute of Metallurgy in conjunction with the im. Dzerzhinskiy Metallurgical Plant, termed the W-diagram method because of the shape of the record produced. A description is provided of the means by which this method is applied; the results of the use of the method under shop conditions are presented, as are economic indices pertaining to its introduction and prospects for its development. M. L.
Card 1/1 1. Furnaces--Control systems 2. Photoelectric cells--Applications

AFANAS'YEV, S.G.; KOSTENETSKIY, O.N.; SHUMOV, M.M.; IVANOV, Ye.V.; PAVLOV, A.I.; GARGER, K.S.; KRIVULYA, G.D.; UMNOV, V.D.; UL'YANOV, D.P.; MAMCHITS, K.A.; PETROV, S.A.; SOROKIN, A.A.; FRIDMAN, Ye.L.; EPISHTEYN, Z.D.; IVANTSOV, G.P.; NETESIN, A.Ye.

Reports (brief annotations). Biul. TSNIICHM no.18/19:106-107 '57.
(MIRA 11:4)

1. Zavod im. Petrovskogo (for Kostenetskiy). 2. TSentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii (for Shumov, Epishteyn, Ivantsov). 3. Vsesoyuznyy nauchno-issledovatel'skiy institut ogneuporov (for Ivanov). 4. Stal'projekt (for Pavlov). 5. Metallurgicheskiy zavod im. Dzerzhinskogo (for Garger, Krivulya, Umnov, Ul'yaynov, Mamchits, Petrov, Sorokin). 6. Dnepropetrovskiy filial Gipromezza (for Fridman). 7. TSentral'nyy institut informatsii chernoy metallurgii (for Netesin)
(Bessemer process)

PAGE 1 BOOK EXPLORATION

S4(7)

SOW/100

Author: M. V. Slobodkin
 Material: X. Veseyumovo sverobehaika po spektroskopii. 1956.
 6. II. Akademya Nauk SSSR [Materials of the 10th All-Union Conference on Spectroscopy, 1956, Vol. 2; Atom Spektroskopija] (Over/Ind-to L'vovskoje vyd.) 1958. 568 p. (Series: Itas: Fizicheskiy zhurnal. vyp. 4(9); 3,000 copies printed).

Additional Sponsoring Agency: Akademika Nauk SSSR. Komisariya po spektroskopii.

Editorial Board: G.S. Landsberg, Academician, (Bsep. Sci.);
 B.B. Repertin, Doctor of Physical and Mathematical Sciences;
 I.D. Pashinets, Doctor of Physical and Mathematical Sciences;
 V.D. Pashinets, Candidate of Technical and Mathematical Sciences; S.M. Klyuchnikov,
 V.D. Dorofteev, Candidate of Technical and Mathematical Sciences; L.I. Klimov, Candidate of Technical and Mathematical Sciences; V.S. Milyutin, Candidate of Technical and Mathematical Sciences;

M.I. A.I. Olshtern, Doctor of Technical and Mathematical Sciences;

M.I. A.I. Olshtern, Doctor of Technical and Mathematical Sciences;

Purpose: This book is intended for scientists and researchers in the field of spectroscopy, as well as for technical personnel using spectrum analysis in various industries.

Contents: This volume contains 177 scientific and technical studies of atomic spectroscopy presented at the 10th All-Union Conference on Spectroscopy in 1956. The studies were carried out by members of scientific and technical institutes and include articles in bibliographies of Soviet and other sources. The studies cover many phases of spectroscopy: spectra of rare earths, electron microscope radiation, spectrochemical methods for controlling uranium production, physics and technology of gas discharge, optics and spectroscopy, abnormal dispersion in metal vapors, spectroscopy and combustion theory, spectrum analysis of ores and minerals, photogravimetic methods for quantitative spectrum analysis of metals and alloys, spectral determination of the hydrogen content of metals by means of isotopes, tables, and atlases of spectral lines, spark spectrum analysis, analysis of variations in the parameters of calibration curves, determination of traces of metals, spectrum analysis in metallurgy, thermochrometry in metallurgy, and principles and practice of spectromechanical analysis.

Card 2/31

Kal'kovskiy, N.Yu., and M.K. Krishnovoyaya. Spectral Determination of Aluminum in Alloyed Steel With the Aid of Diffusions of Alloys. 402

Peressotski, N.I. Spectroscopic Microanalysis of High-alloy Steel and Basic-resistant alloys. 404

Peressotski, N.I. Spectroscopic Determination of Titanium in Difluyt and Kr-123 Types of Steel. 406

Sergar, E.I., G.D. Ershul'skaya, V.I. Trofimova, and V.D. Usov. Studying the Plasma Spectrum of a Masser Converter With the Aid of an ESR-51 Spectrograph. 410

Silin, S.A. Shift of Calibration Curves in the Spectrum Analysis of Steel. 414

Slobodkin, G.I., M.I. Berova, and E.N. Vinogradova. Quantitative Spectral Determination of Traces of Elements in Semimagnetic Zinc Sulfide. 417

Card 2/31

GARBER, K.S.; KRIVULYA, G.D.; TROFIMOVA, V.I.; UMINOV, V.D.

Use of a ISP-51 spectrograph in studying the flame spectrum of
a Bessemer converter. Fiz.sbor. no.4:410-414 '58.

(MIRA 12:5)

1. Dneprodzerzhinskiy vecherniy metallurgicheskiy institut
imeni Arsenicheva i Dneprovskiy metallurgicheskiy zavod imeni
Dzerzhinskogo.
(Steel—Spectra)

25 (6), 24 (7)

AUTHORS:

Garger, K. S., Krivulya, G. D.,
Ortenberg, F. S., Trofimova, V. I.

SOV/32-25-5-18/56

TITLE:

Investigation of the Spectrum of the Converter Flame in
Different Types of Blowing (Issledovaniye spektra konverternogo
plameni pri razlichnykh sposobakh produvki)

PERIODICAL:

Zavodskaya Laboratoriya, 1959, Vol 25, Nr 5, pp 573-576 (USSR)

ABSTRACT:

The authors had already investigated the flame spectrum (FS) of the Bessemer process in the wave range of 3700-10000 Å with a blast of air (Refs 1, 2), on the basis of which a photoelectric control method of blowing through rail steel was introduced (Refs 3, 4). In the present case the investigation results of (FS) of new converter processes with the use of oxygen are given. The (FS) on blowing through cast iron with a vapor-oxygen mixture was investigated at the Yenakiyevskiy metallurgicheskiy zavod (Yenakiyev Metallurgical Factory) with the co-operation of N. I. Goncharenko, A. B. Minster, A. D. Stakhurskiy and V. D. Umnov on the spectrograph ISP-28 and styloscope SL-3 (with photographic attachment). The lines Na, K, Li, Rb, Fe, Mn, Ca, Cu, Cr and Ga were plotted and it was observed that the spectrum Fe I is considerably richer in lines than on

Card 1/3

Investigation of the Spectrum of the Converter
Flame in Different Types of Blowing

SOV/32-25-5-18/56

blowing through with air (Fig 1). The (FS) on blowing through cast iron with oxygen from above was taken on the abovementioned styloscope and on a diffraction apparatus (with a replica) with the cooperation of V. M. Gorbovskiy and A. D. Stakhurskiy. A few investigation results are given concerning the spectrum in the case of air blowing through, which were obtained at the zavod im. Dzerzhinskogo (Factory imeni Dzerzhinskii) on the spectrograph ISP-28, ISP-51, styloscope SL-3 and diffraction spectrograph. Measurements of flame temperature were made according to the method by Scholev (Ref 6), in which the spectrum was taken on films "Izoorto 45 Units GOST" and "Izopankrom" and photometry was made on the MF-2 apparatus. In evaluating the results obtained the authors mention that the increase of the intensity of the ultraviolet range in (FS) of the water vapor-oxygen blowing process according to (Ref 12) may be explained by a collision of O and CO corresponding to $\text{CO} + \text{O} \rightarrow \text{CO}_2 + h\nu$ (1). There are 3 figures and 14 references, 11 of which are Soviet.

Card 2/3

Investigation of the Spectrum of the Converter
Flame in Different Types of Blowing

SOV/32-25-5-18/56

ASSOCIATION: Dneprodzerzhinskiy vecherniy metallurgicheskiy institut
(Dneprodzerzhinsk Metallurgical Institute (Evening School))

Card 3/3

GARGER, K.S.; KRIVULYA, O.D.; ORTENBERG, Y.S.

Spectrum obtained from the flame of a converter in which cast iron
is blown by a steam oxygen mixture. Inzh.-fiz.shur. no.6:72-75
(MIRA 13:7)
Je '60.

1. Vecherniy metallurgicheskiy institut, g. Dneprodzerzhinsk.
(Flame--Spectra) (Converters)

GALOCHKIN, Ye.D., inzh.; KRIVULYA, G.S., inzh.

The USP-10 dump semitrailer with two-side dumping. Stroi. i dor.
mash. 9 no.12:14-15 D '64. (MIRA 18:3)

KRIVULYA, S. S.

ACCESSION NR: AP4010407

8/0185/83/008/012/1328/1334

LIFSHITS KRIVULYA

AUTHOR: Lifshyts', E. V.; Kryvulyna, S. S.; Us, V. S.

TITLE: Measurement of high-frequency field intensity in a plasma by means of the Stark effect

SOURCE: Ukrayins'kyi fiz. zhurnal, v. 8, no. 12, 1963, 1328-1334

TOPIC TAGS: field intensity, field strength, high-frequency field, plasma, magnetic field, H sub beta, Stark effect

ABSTRACT: The present work was carried out to determine the dependence of the intensity of a high-frequency field on the high-frequency power introduced into a plasma wave-guide and the absolute value of the intensity of the high-frequency field. Broadening of the H sub beta line due to the Stark effect was measured to determine the field intensity. As was to be expected, E is proportional to the square root of w, where w is the high-frequency power. "The author is grateful to O. H. Zahorodnov and V. H. Padalets' for valuable advice and to V. E. Ivanov for interest in the work and discussion of the results." Orig. art. has: 2 formulas and 6 figures.

Cord 1/2

ACCESSION NR: AP4010407

Kharkov

ASSOCIATION: Fizy*ko-tekhnichny*y insty*tut AN URSR_A(Physicotechnical Institute
AN URSR)

SUBMITTED: 22May63

DATE ACQ: 20Jan64

ENCL: 00

SUB CODE: PH

NO REF Sov: 005

OTHER: 002

Card 2/2

KRIVUN, A.V., inzh.

Effective method of assembling electric railway motors.
Elek. i tepl. tiaga 5 no. 11:7-9 N '61. (MIRA 14:11)

1. Otdel glavnogo tekhnologa Novocherkasskogo elektrovozostroitel'nogo
zavoda.
(Electric railway motors)

KRIVUN, A.V.

Introducing induction heating for press fitting of parts.
Biul.tekh.-okon.inform.Gos.nauch.-issl.inst.nauch.i tekhn.
inform. no.8:33-34 Ag '65.

(MIRA 18:12)

L 5308-66 EWT(m)/EWP(v)/T/EWP(t)/EWP(k)/EWP(z)/EWP(b)/EWA(c) IJP(c) JD/HM/HW
ACC. NR: AP5025755 SOURCE CODE: UR/0286/65/000/018/0120/0120

AUTHORS: Lotsmanov, S. N.; Krivun, G. N.; Chekunov, I. P.; Uspenskiy, B. N.; Osval'd, F. V.; Bordovskikh, N. S.

ORG: none

TITLE: Silverless solder for soldering copper and its alloys. Class 49, No. 174931

SOURCE: Byulleten' izobreteniya i tovarnykh znakov, no. 18, 1965, 120

TOPIC TAGS: solder, copper, copper alloy, tin, nickel, cobalt, manganese

ABSTRACT: This Author Certificate presents a silverless solder for soldering copper and its alloys. The solder contains tin, phosphorus, and copper. To improve the density and strength of the soldered joint and to lower the soldering temperature, nickel or cobalt (up to 1%) and manganese (up to 0.5%) are added to the solder, while the remaining components are taken in the following proportions: tin- 10-15%, phosphorus- 4-5%, copper- remainder.

SUB CODE: IE, MM/ SUBM DATE: 24Dec62/ ORIG. REF: 000/ OTH REF: 000

OC
Card 1/1

09010614

KRIVUN' P.I. kandidat tekhnicheskikh nauk.

Manual on properties of cargoes and conditions for their transportation. ("Freight sciences" by V.Kh. Akhillo. Reviewed by P.I. Krivun').

(Freight and freightage) (Ships--Cargo) (Akhillo, V.Kh.)

1.1600

S/226/62/000/001/012/014

1003/1201

Authors Brynza, A. P., and Krivun, S. V.

Title AN ELECTROLYSER FOR PREPARING COPPER POWDER.

Periodical: Poroshkovaya metallurgiya, no. 1(7), 1962, 72-74

Text: An electrolyzer for preparing copper powder by cathodic reduction of copper oxide from a 1N solution of NaOH is described. The reduction, removal of the electrolyte and drying of the powder are carried out in a single device which permits the production of a powder with a low oxide content without recourse to stabilizers. There is one figure.

Association: Dnepropetrovskiy gosadarsvennyy universitet im. 300-letiya vostochedineniya Ukrayiny s Rossiey. (Dnepropetrovsk State University im. 300 yrs. of the Union of Ukraine and Russia)

Submitted. July 25, 1961

✓B

Card 1/1

DOROFYENKO, G.N.; KRIVUN, S.V.

New method of synthesizing pyrylium salts. Zhur.ob.khim. 32
no.7:2386-2387 Jl '62. (MIRA 15:7)

1. Donetskoye otdeleniye instituta organicheskoy khimii AN
Ukrainskoy SSR.
(Pyrylium compounds)

DOROFEYENKO, G.N.; KRIVUN, S.V.

Perchloric acid and its compounds as catalysts in organic synthesis. Part 16: Synthesis of 2,4,6-substituted pyrylium salts by the acetylation of some aromatic compounds and ketones. Ukr. khim. zhur. 29 no.10:1058-1061 '63. (MIRA 17:1)

1. Donetskoye otdeleniye Instituta organicheskoy khimii AN UkrSSR.

DOROFEEVYENKO, G.N.; KRIVUN, S.V.

Perchloric acid and its compounds as catalysts in organic synthesis.
Part 13: Preparation of some 2,4,6-triaryl pyrylium salts and aryl-substituted pyridines. Zhur. ob. khim. 34 no.1:105-109 Ja '64.
(MIRA 17:3)
1. Donetskoye otdeleniye Instituta organicheskoy khimii AN UkrSSR.

KRIYUN, S.V.; SHIYAN, Zh.V.; DOROFEEVYENKO, G.N.

Perchloric acid and its compounds as catalysts in organic synthesis.
Part 17: Synthesis of pyrylium salts by the condensation of β -diketones with ketones. Zhur. ob. khim. 34 no. 1:167-170 Ja '64.
(MIRA 17:3)

1. Donetskoye otdeleniye Instituta organicheskoy khimii AN UkrSSR.

KHIVUN, S. V.; DODOROVENKO, G. E.

Synthesis of 1,4-phenylene-*N*-pyridinium salts. Khim. ob. Krim.
34 no. 6:2091-2092. Je '64. (KhR 1717)
1. Rostovskiy-na-Donu gosudarstvennyy universitet.

DOROFEYENKO, G.N.; DULENKO, L.V.; DULENKO, V.I.; KРИVUN, S.V.

New method of synthesizing 2-benzopyrylium salts. Zhur. org. khim.
1 no.6:1171-1172 Je '65.
(MIRA 18:7)

1. Rostovskiy-na-Donu gosudarstvennyy universitet i Donetskiy filial
Vsesoyuznogo nauchno-issledovatel'skogo instituta khimicheskikh reaktivov
i osobu chistiykh khimicheskikh veshchestv.

DOROFYENKO, G.N.; KRIVUN, S.V.; DULENKO, V.I.; ZHDANOV, Yu.A.

Perchloric acid and its compounds in organic synthesis. Usp.khim.
34 no.2:219-252 F '65.
(MIRA 18:5)

1. Rostovskiy-na-Donu gosudarstvennyy universitet.

DOROFEEVYENKO, G.N.; KRIVUN, S.V.; MEZHERITSKIY, V.V.

Perchloric acid and its compounds as catalysts in organic synthesis.
Part 21: Triphenyl pyrylium salts with functional substituents in
aromatic rings. Zhur. ob. khim. 35 no.4:632-635 Ap '65.

1. Rostovskiy-na-Donu gosudarstvennyy universitet. (MIRA 18:5)

VOSTROKNUTOV, Ye.; KAMENSKIY, B.; KRIVONOSHENKO, I.

Improving the quality of reconditioned tires. Avt. transp. 43
no.1:21-23 Ja '65.
(MIRA 18:3)

S/138/62/000/001/007/009
A051/A126

AUTHORS: Krivunchenko, N.Q.; Kolkhir, K.F.; Zvereva, N.I.; Dmitriyeva, Ye.V.; Drugovskaya, M.N.; Sokolov, S.A.

TITLE: The use of gas-producing resins in rubber reclaiming

PERIODICAL: Kauchuk i rezina, no. 1, 1962, 52 - 53

TEXT: The disadvantages of dry-distillation of pine tars, for use as softeners in rubber reclaiming are non-uniformity and high cost. In the attempt to find new resins for this purpose, gas-producing ones proved to be the most successful. The Chekhov Rubber Reclaiming Plant developed the composition of a resin and a technology of rubber reclaiming, using the product of the Izhevsk Plant in 1958. This product has the following advantages: 1) Uniformity in group composition of the softener, leading to improved physico-mechanical properties of the reclaimed rubbers. 2) Reduced production cost of the reclaimed rubber. 3) Increased capacity output of the refining rollers. 4) Increased capacity output of the autoclaves due to a shorter rubber devulcanization process. 5) Improved receiving and storage methods of the resin, eliminating the use of wooden barrels. The Chekhov Recovery Plant produced 6.5 thousand tons of re-

Card 1/2

The use of gas-producing resins in rubber reclaiming

S/138/62/000/001/007/009
A051/A126

claimed rubber in 1959. In 1960, the Recovery Plant consumed 2,000 tons of resin. There is 1 table.

ASSOCIATION: Chekhovskiy regeneratnyy zavod (Chekhov Recovery Plant)

Card 2/2

KRIVUNETS, Ya.A.

Organization of maintenance and repair in sugar factories.
Sakh.prom. 36 no.9:10-12 S '62. (MIRA 16:11)

1. Chernovitskiy sakharnyy kombinat.

GOLYANSKIY, SH.TS., inzh.; KRIVUSHA, V.P., inzh.; ZAITS, O.F., inzh.

Improvement of the MGD-2 magnetic fault detecting scope.
Energetik 9 no.4:19-20 Ap '61. (MIRA 14:8)
(Pipe--Testing) (Magnetic instruments)

VEKSLER, Ye.Ya., inzh.; KRIVUSHA, V.P., inzh.

Ultrasonic flaw detection in pipelines, Energetik 11 no.1:
10-11 Ja '63. (MIRA 16:1)
(Pipes—Testing) (Boilers)